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FIG.1

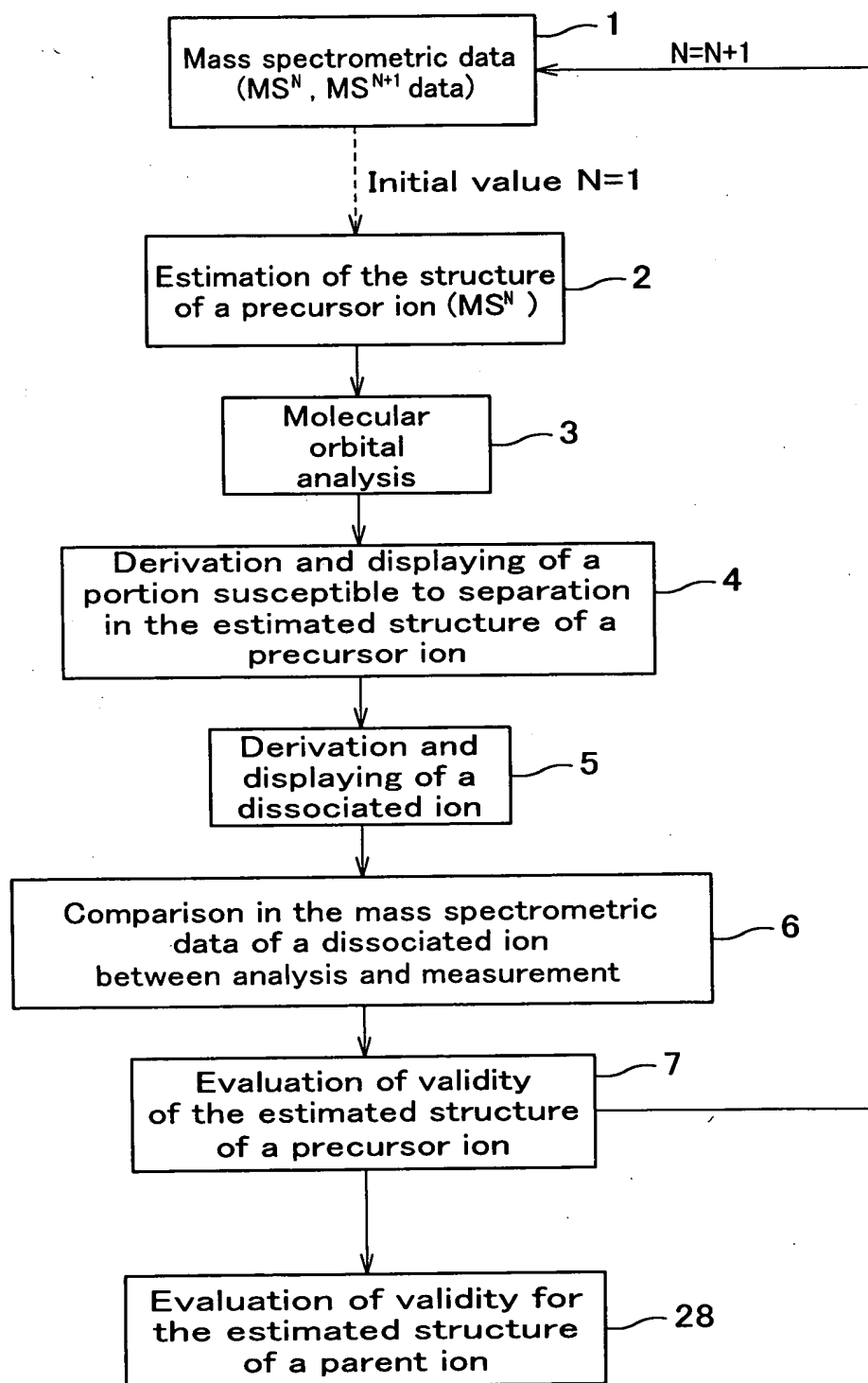


FIG.2

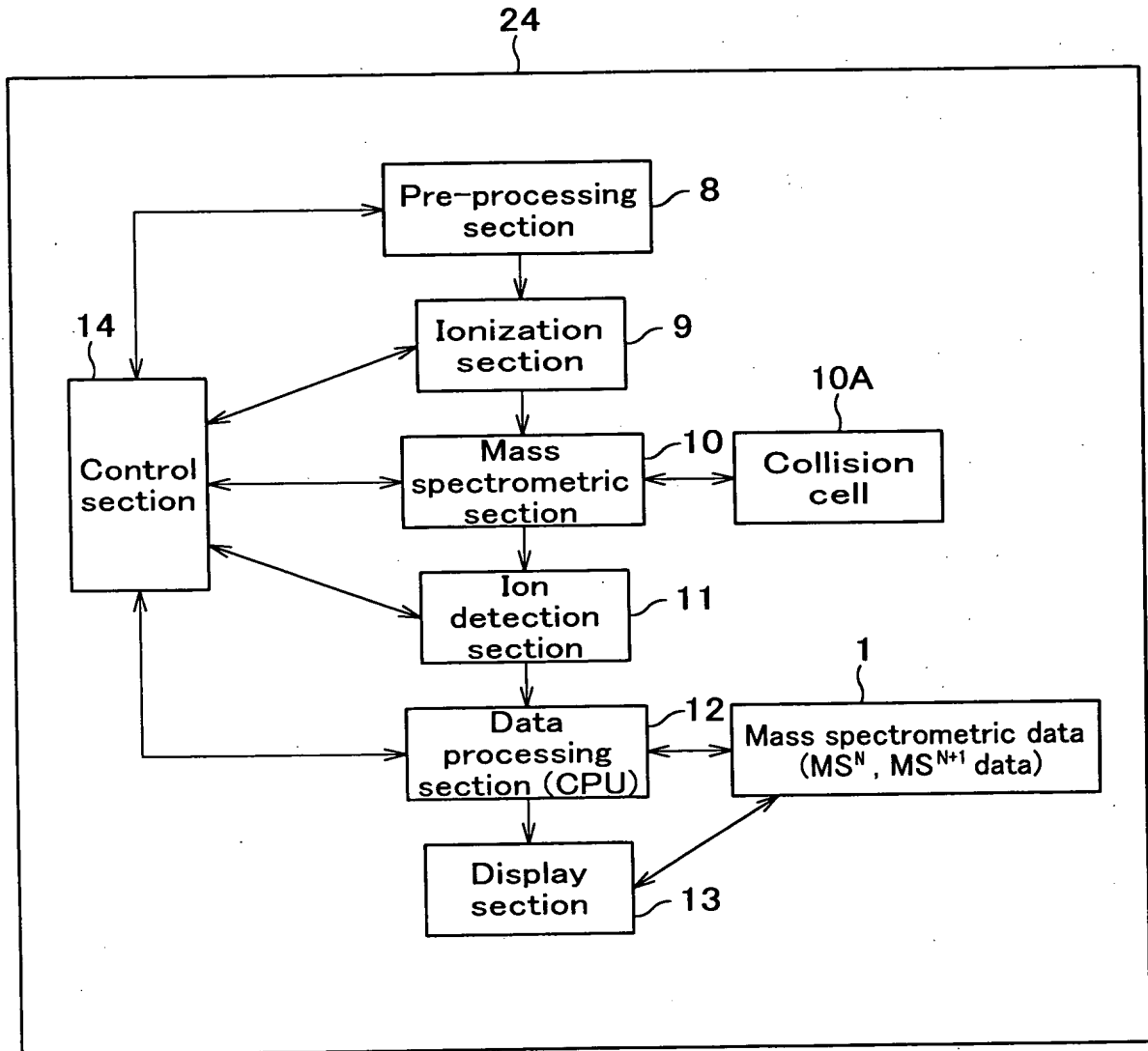


FIG.3

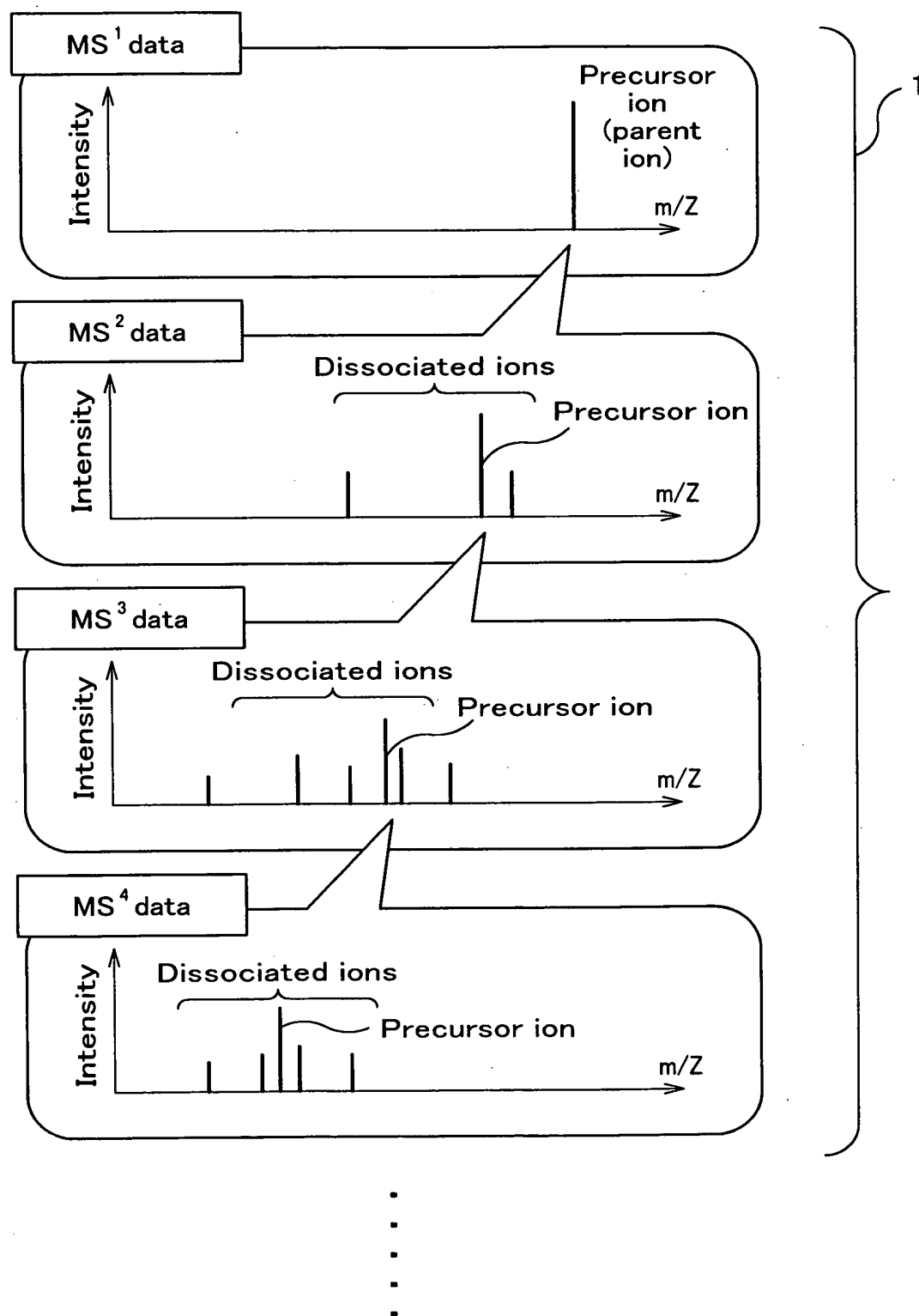


FIG.4

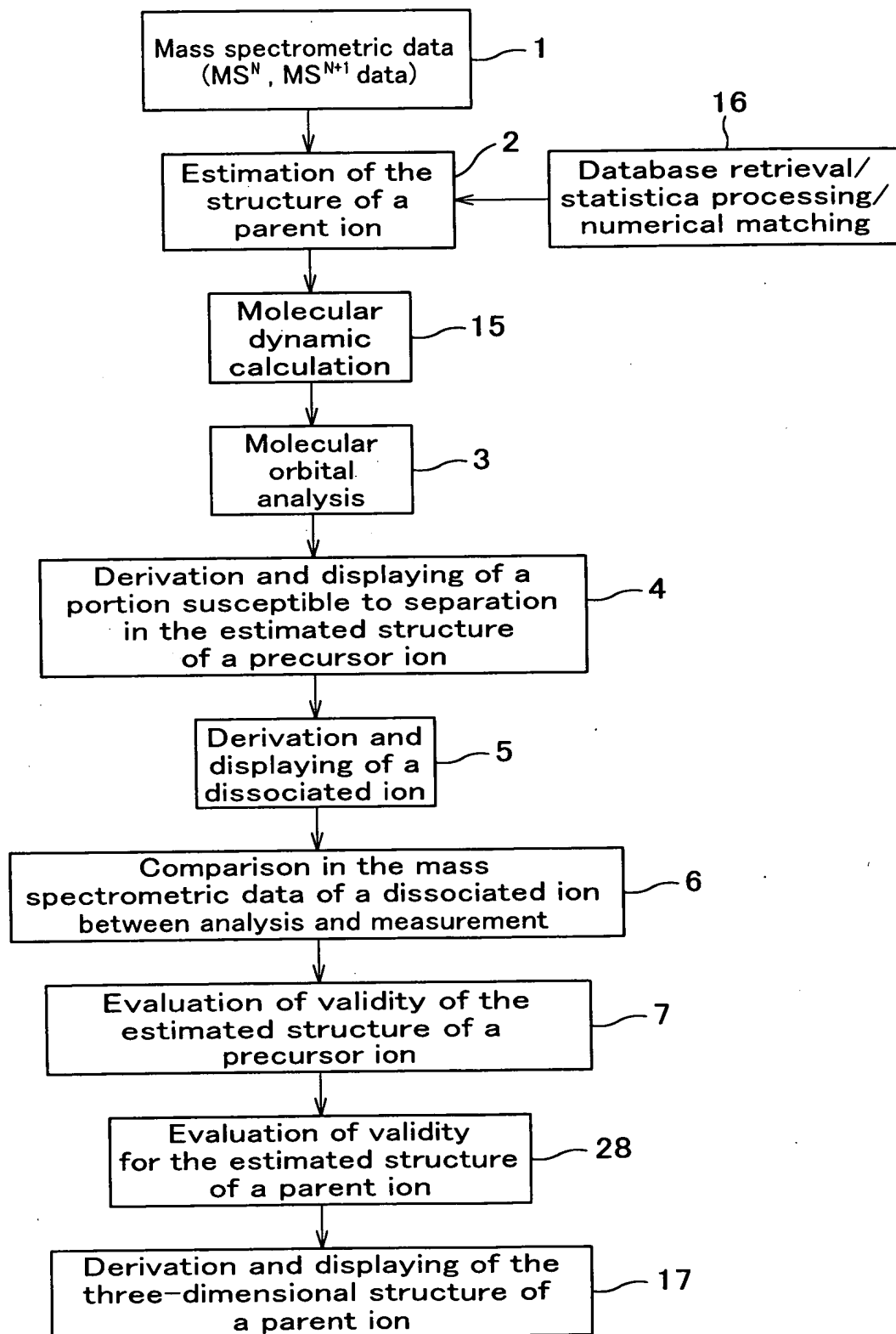


FIG. 5

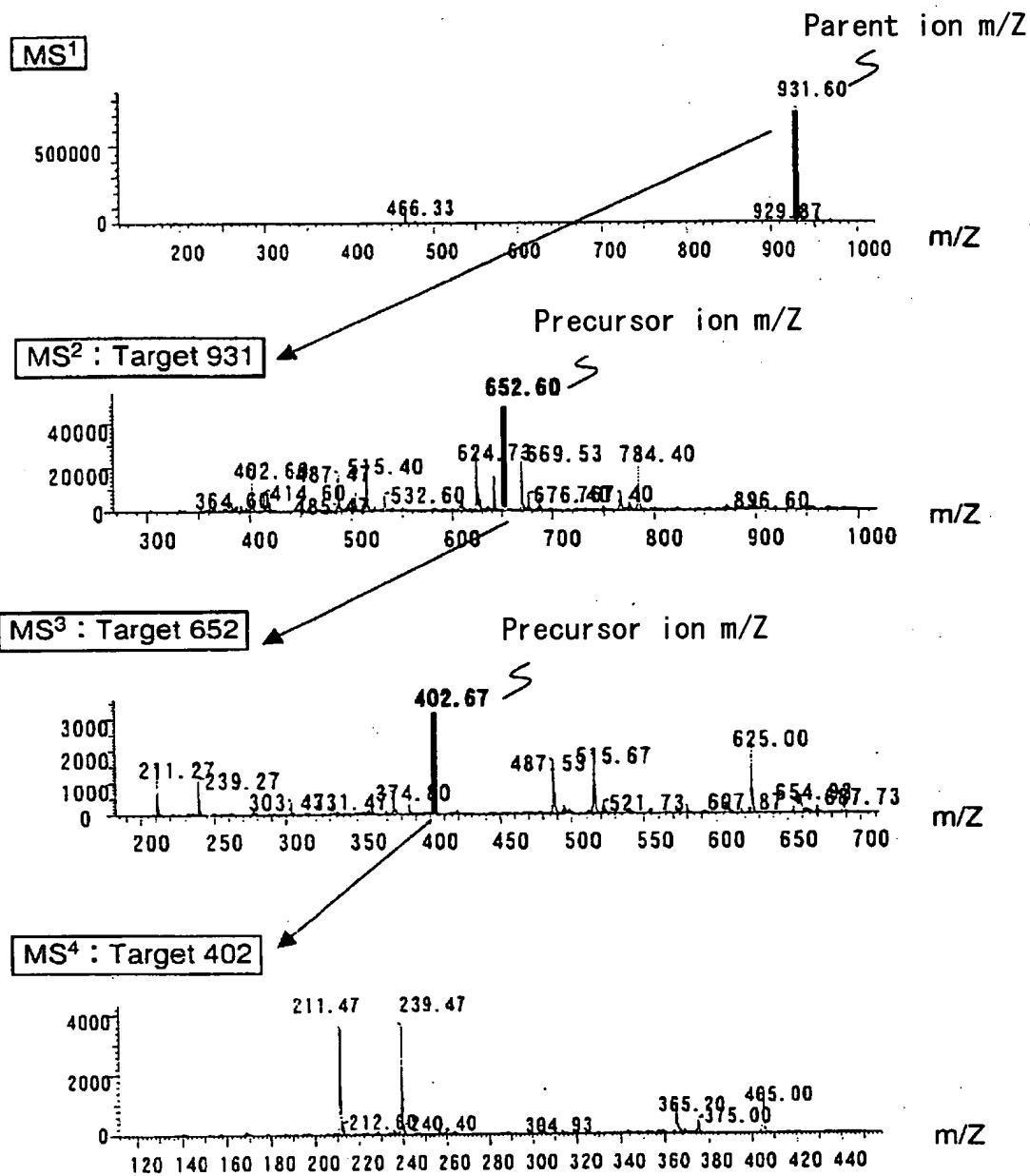


FIG. 6

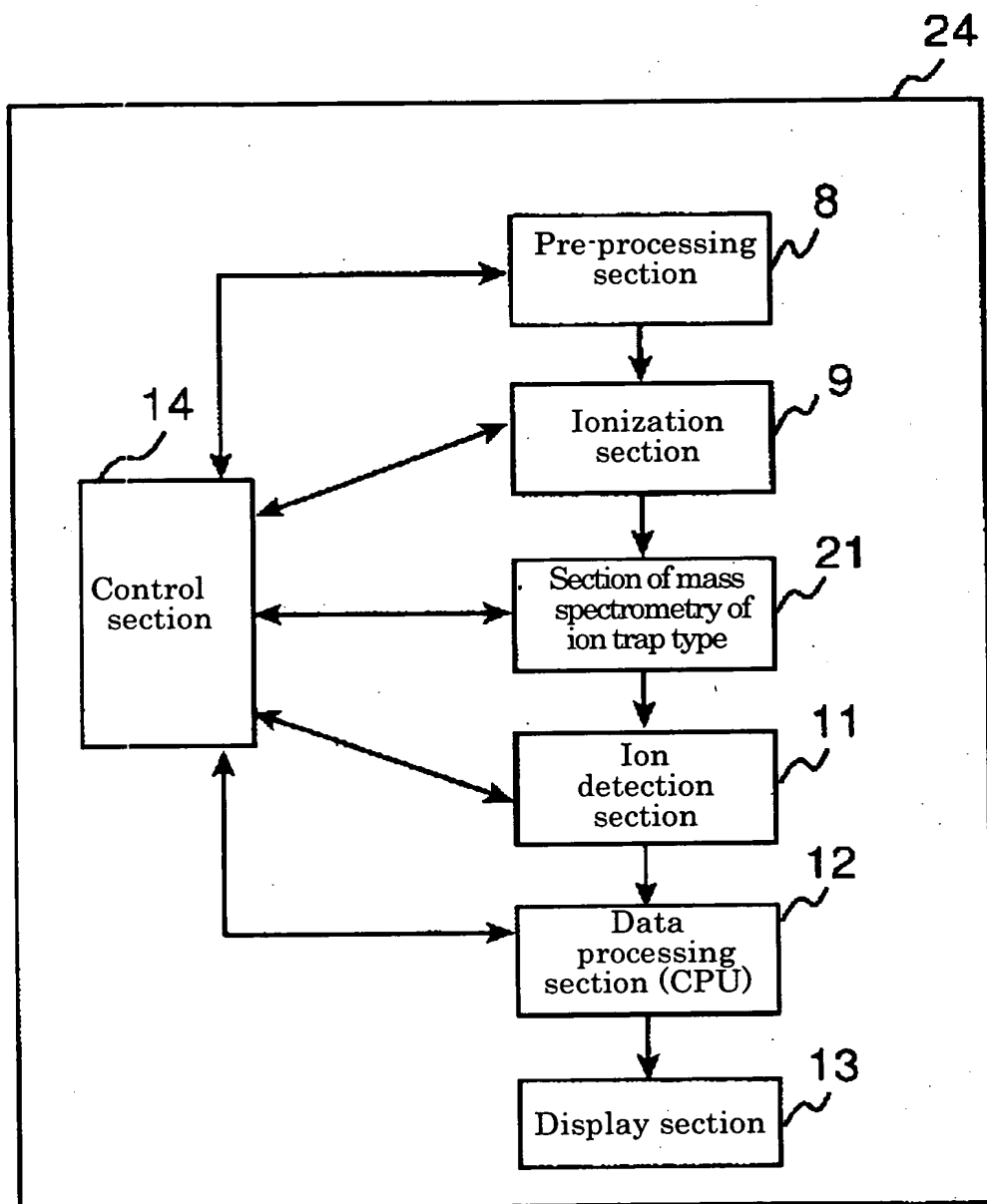
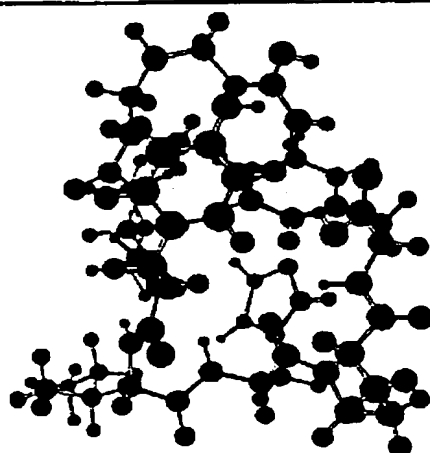


FIG. 7

Rank	Estimated amino acid sequences (N-terminal← →C-terminal)						
1	Arg	Tyr	Val	Leu	His	Met	Leu
2	Arg	Tyr	Val	Leu	His	Met	Leu
3	Arg	Tyr	Val	Ile	His	Met	Leu
4	Arg	Tyr	Val	Leu	His	Met	Ile
5	Arg	Tyr	Val	Ile	His	Met	Ile
6	Arg	Tyr	Val	Ile	His	Met	Ile
7	Arg	Val	Tyr	Ile	His	Met	Leu
8	Arg	Val	Tyr	Leu	His	Met	Ile
9	Arg	Val	Tyr	Leu	His	Met	Leu
10	Arg	Val	Tyr	Leu	His	Met	Leu
11	Arg	Val	Tyr	Ile	His	Met	Ile
12	Arg	Val	Tyr	Ile	His	Met	Ile
13	Arg	Tyr	Val	Leu	His	Asp	Glu
14	Arg	Tyr	Val	Ile	His	Asp	Glu
15	Arg	Tyr	Val	Leu	His	Pro	Phe
16	Arg	Tyr	Val	Ile	His	Pro	Phe
17	Arg	Val	Tyr	Leu	His	Asp	Glu
18	Arg	Val	Tyr	Ile	His	Asp	Glu
19	Arg	Val	Tyr	Leu	His	Pro	Phe
20	Arg	Val	Tyr	Ile	His	Pro	Phe

FIG. 8

Rank	Estimated amino acid sequences (N-terminal← →C-terminal)							Ranking resulting from the method of invention
1	Arg	Tyr	Val	Leu	His	Met	Leu	6
2	Arg	Tyr	Val	Leu	His	Met	Leu	7
3	Arg	Tyr	Val	Ile	His	Met	Leu	13
4	Arg	Tyr	Val	Leu	His	Met	Ile	8
5	Arg	Tyr	Val	Ile	His	Met	Ile	19
6	Arg	Tyr	Val	Ile	His	Met	Ile	20
7	Arg	Val	Tyr	Ile	His	Met	Leu	12
8	Arg	Val	Tyr	Leu	His	Met	Ile	5
9	Arg	Val	Tyr	Leu	His	Met	Leu	3
10	Arg	Val	Tyr	Leu	His	Met	Leu	4
11	Arg	Val	Tyr	Ile	His	Met	Ile	17
12	Arg	Val	Tyr	Ile	His	Met	Ile	18
13	Arg	Tyr	Val	Leu	His	Asp	Glu	16
14	Arg	Tyr	Val	Ile	His	Asp	Glu	14
15	Arg	Tyr	Val	Leu	His	Pro	Phe	10
16	Arg	Tyr	Val	Ile	His	Pro	Phe	2
17	Arg	Val	Tyr	Leu	His	Asp	Glu	15
18	Arg	Val	Tyr	Ile	His	Asp	Glu	11
19	Arg	Val	Tyr	Leu	His	Pro	Phe	9
20	Arg	Val	Tyr	Ile	His	Pro	Phe	1



Arg-Val-Tyr-Ile-His-Pro-Phe

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FIG. 9

Arg-Val-Tyr-Ile-His-Pro-Phe

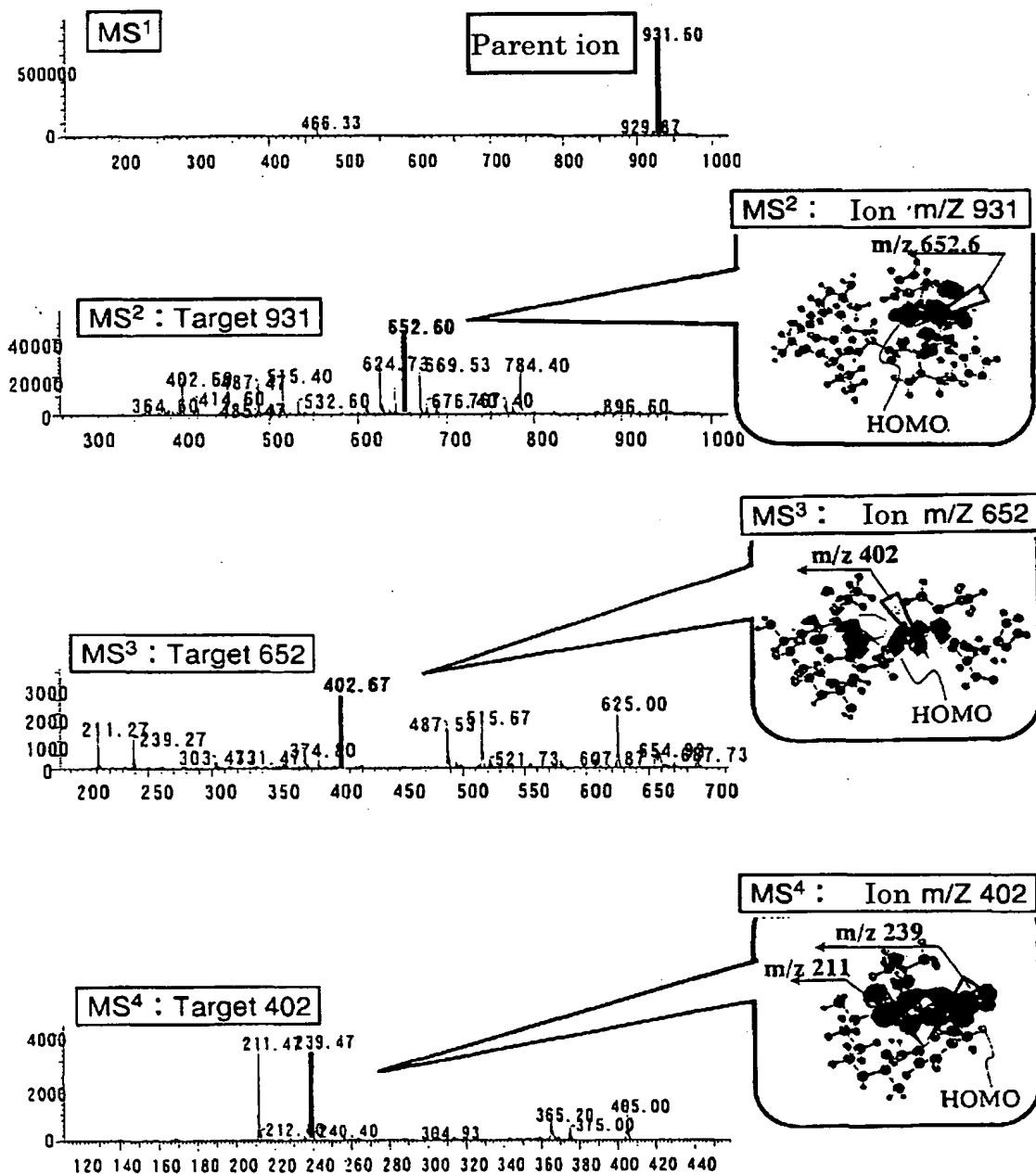
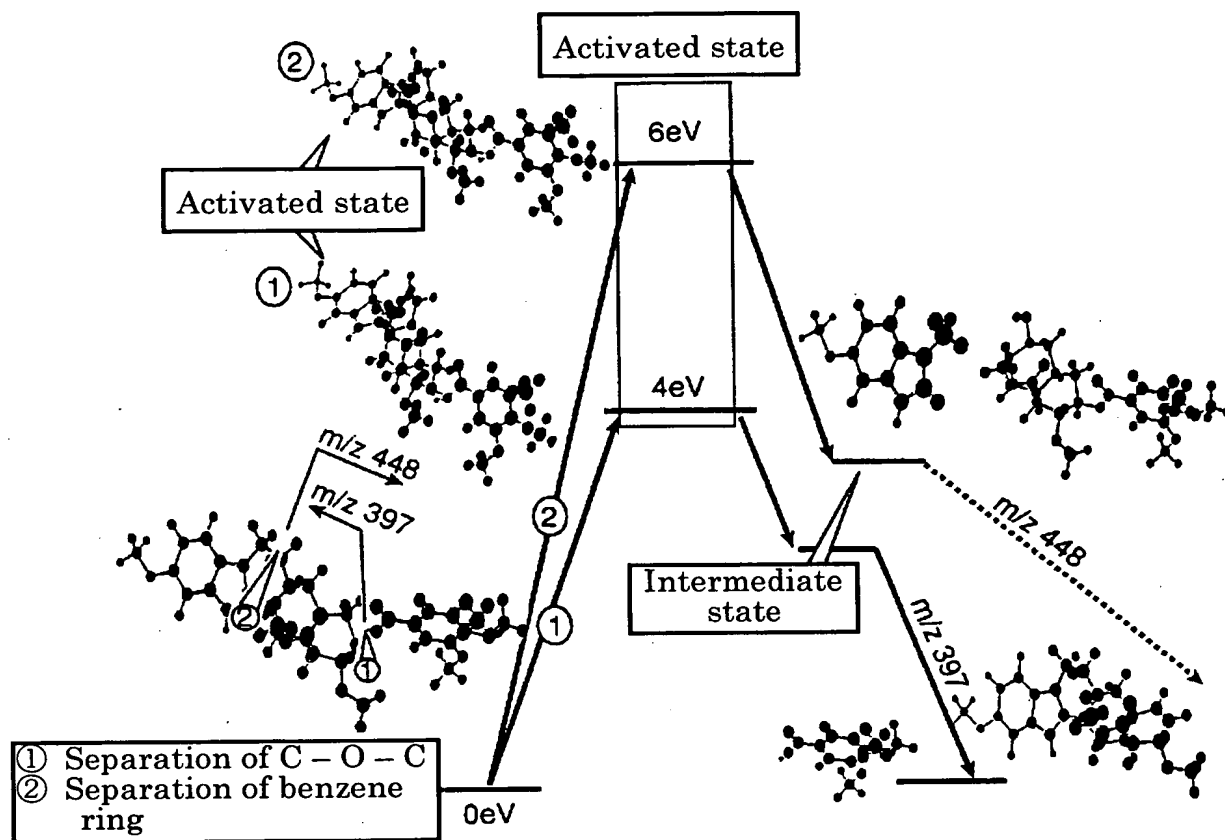


FIG. 10



DECOMPOSING REACTION OF RECERPINE

FIG. 11

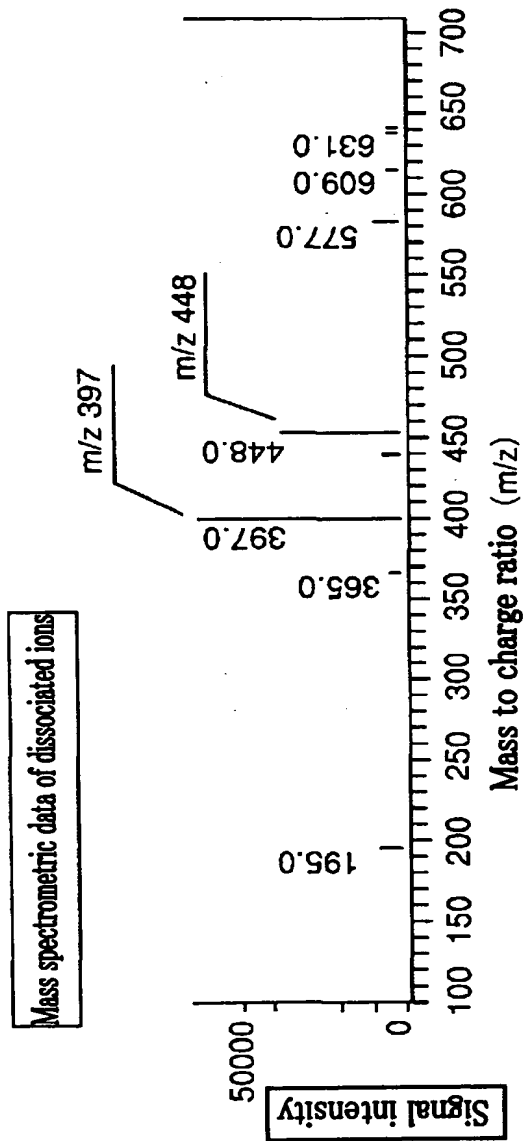
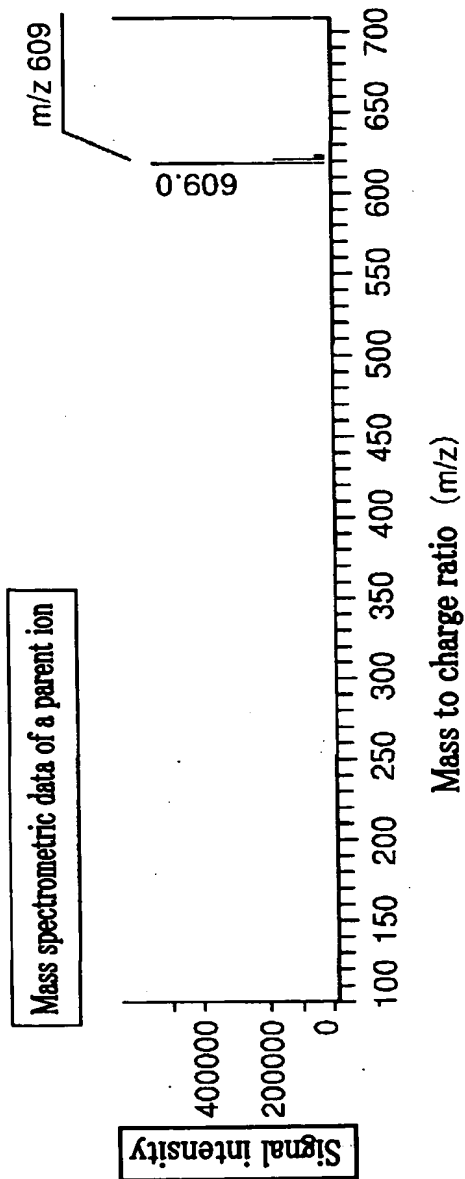


FIG. 12

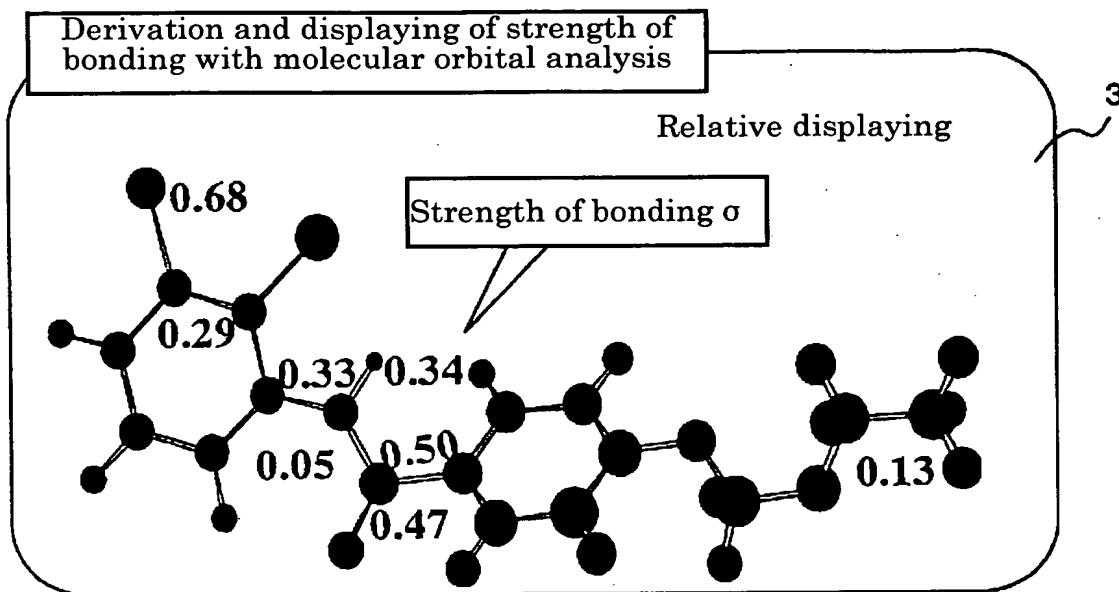


FIG. 13

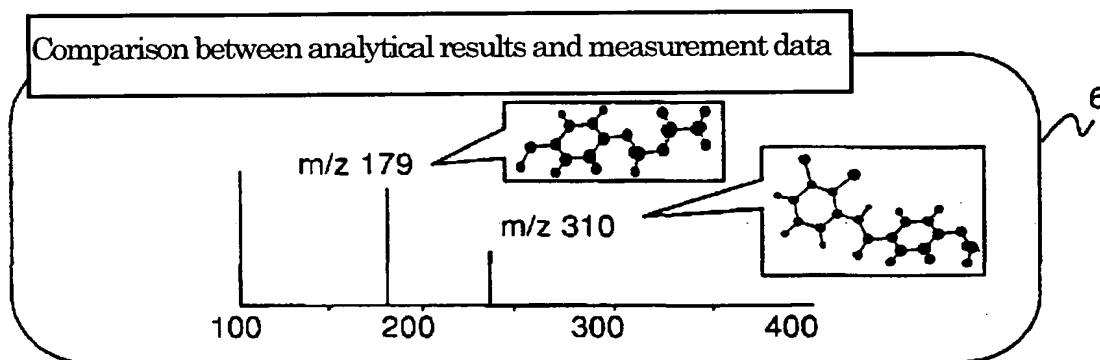


FIG. 14

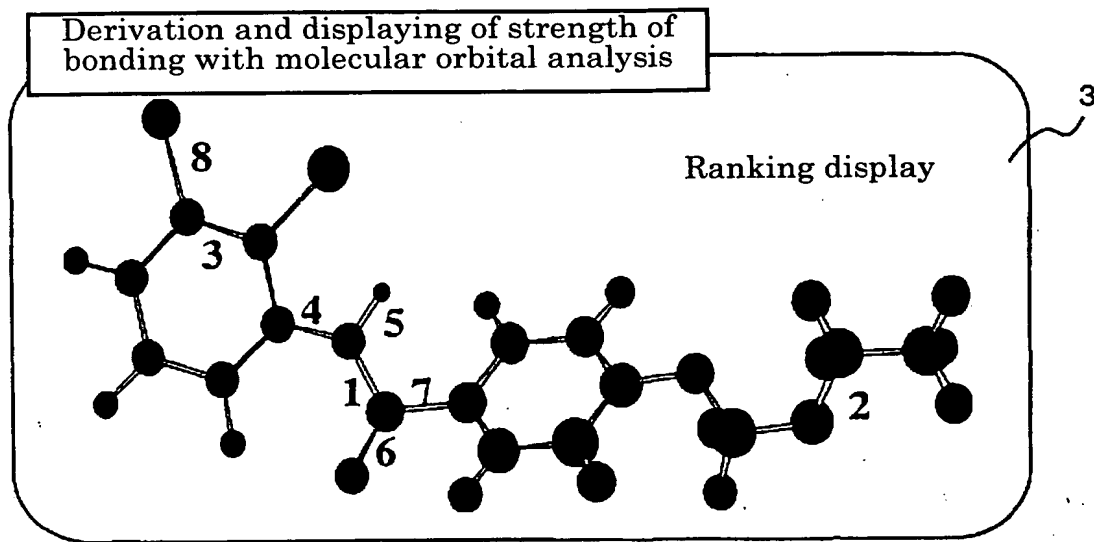


FIG. 15

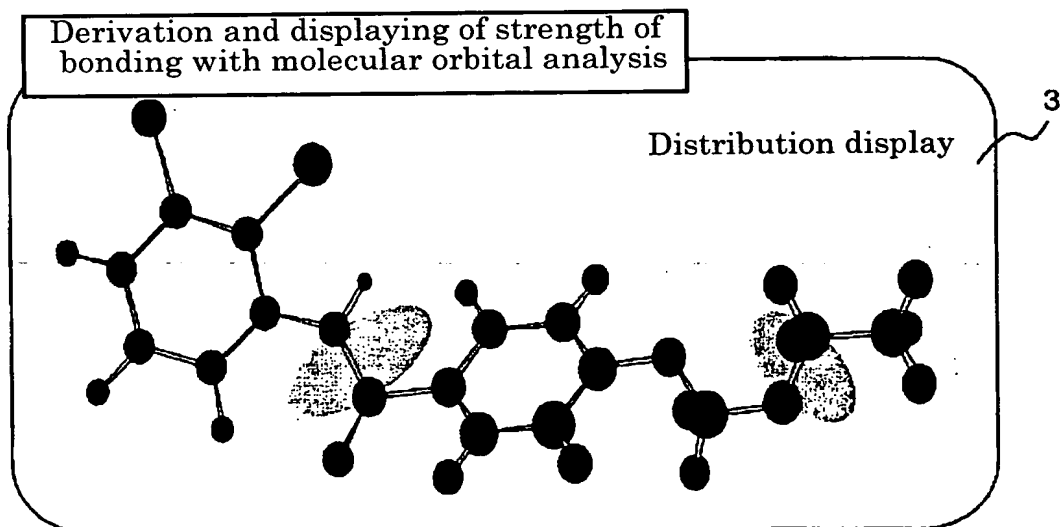


FIG. 16

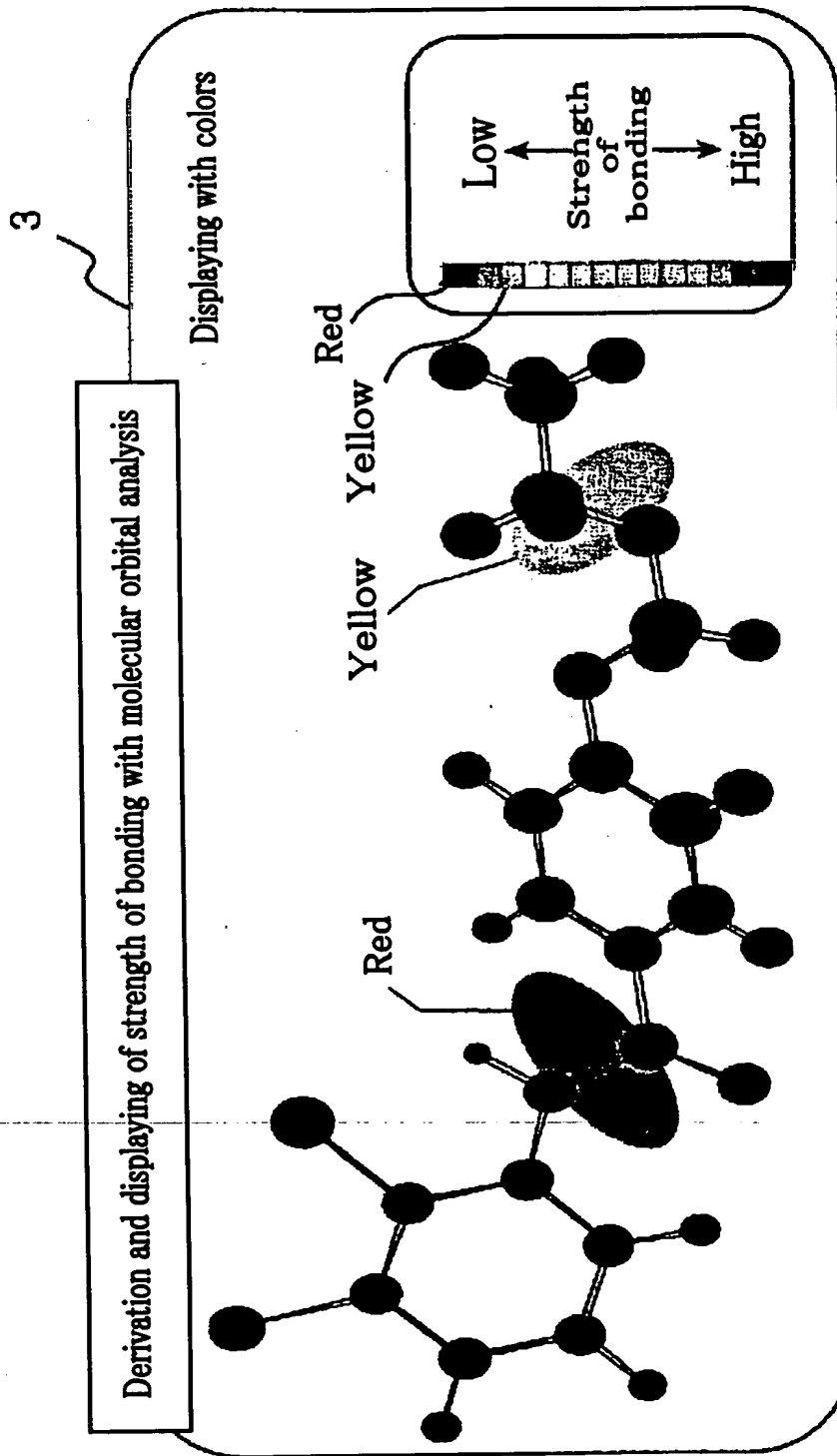


FIG. 17

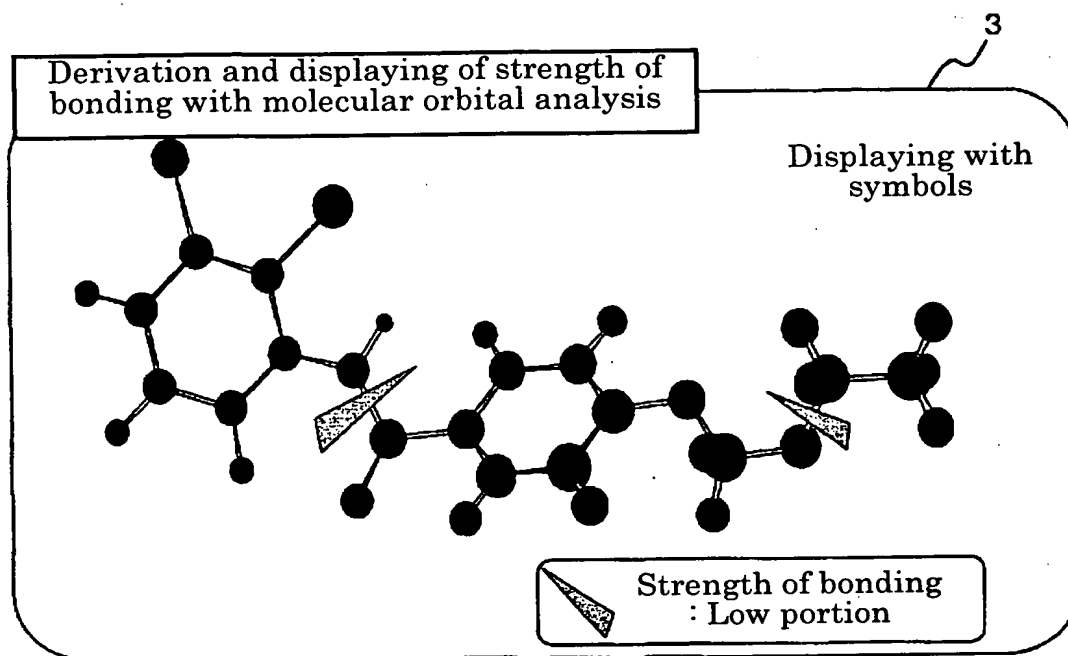
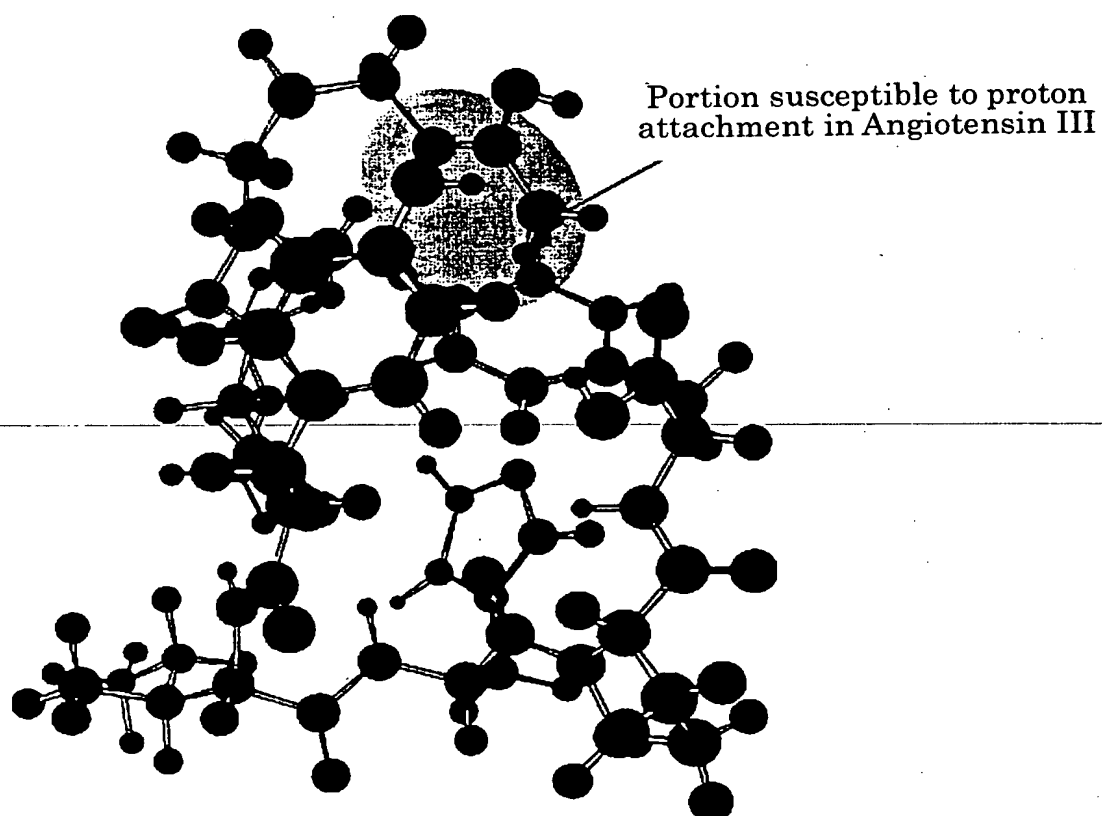


FIG. 18



Arg-Val-Tyr-Ile-His-Pro-Phe

FIG. 19

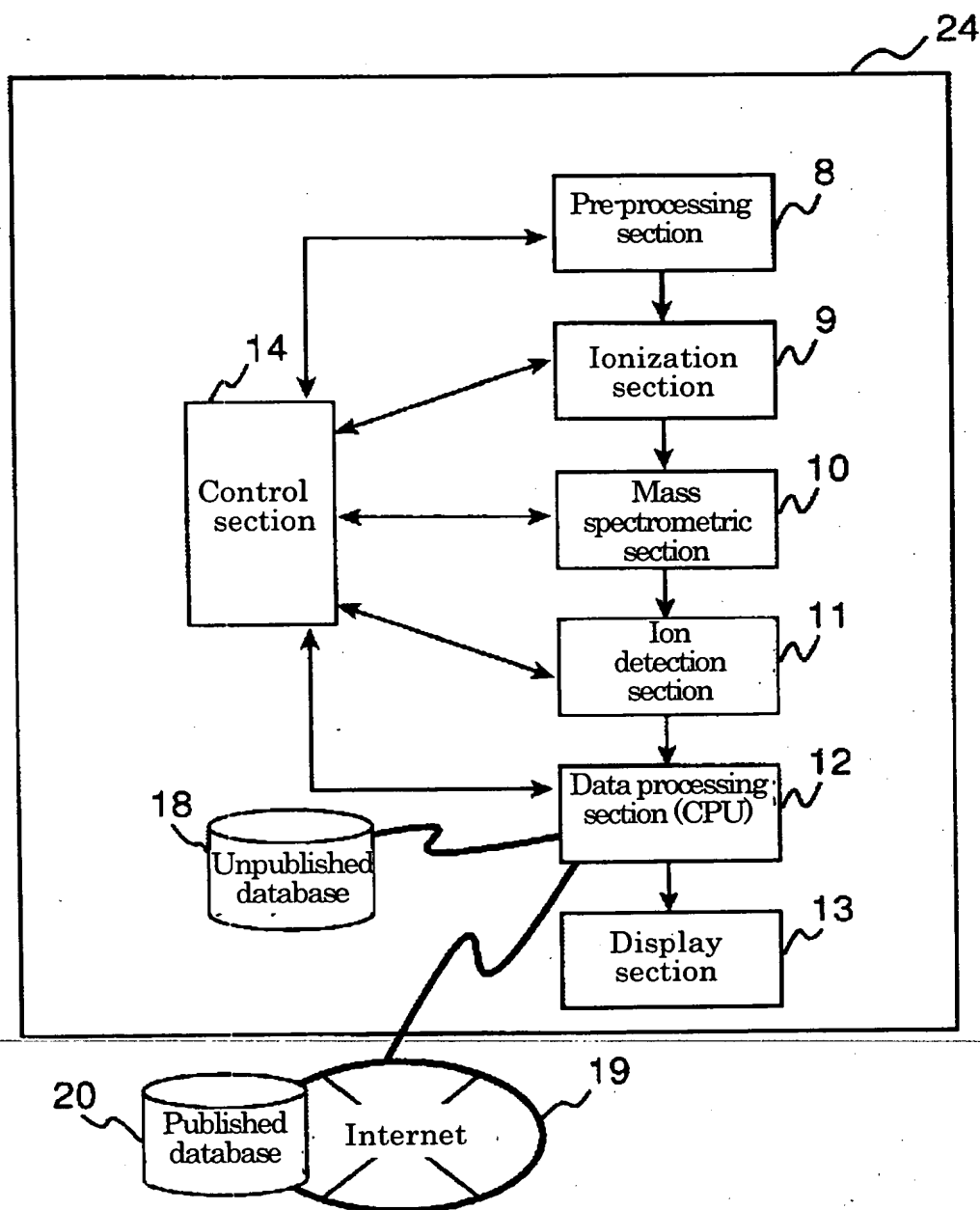
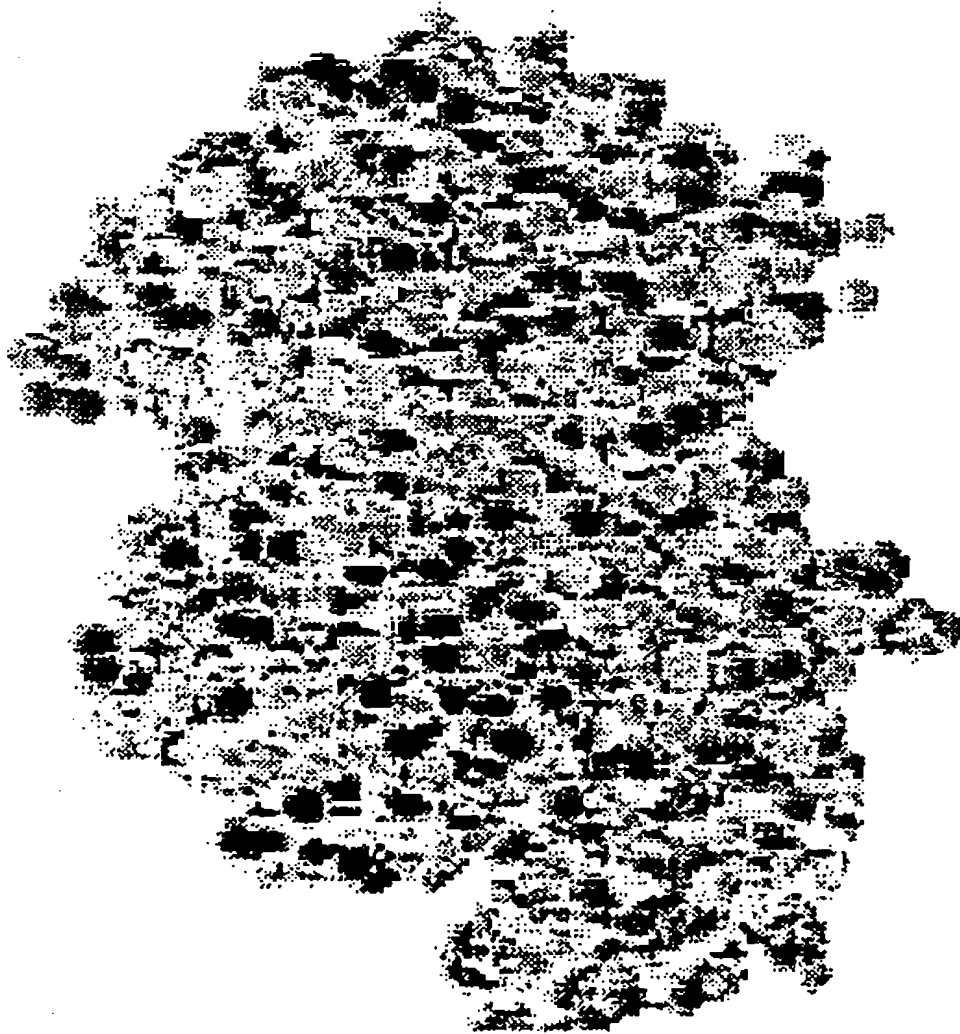


FIG. 20



Three-dimensional displaying of the structure of a protein including
the predicted amino acid sequence

FIG.21

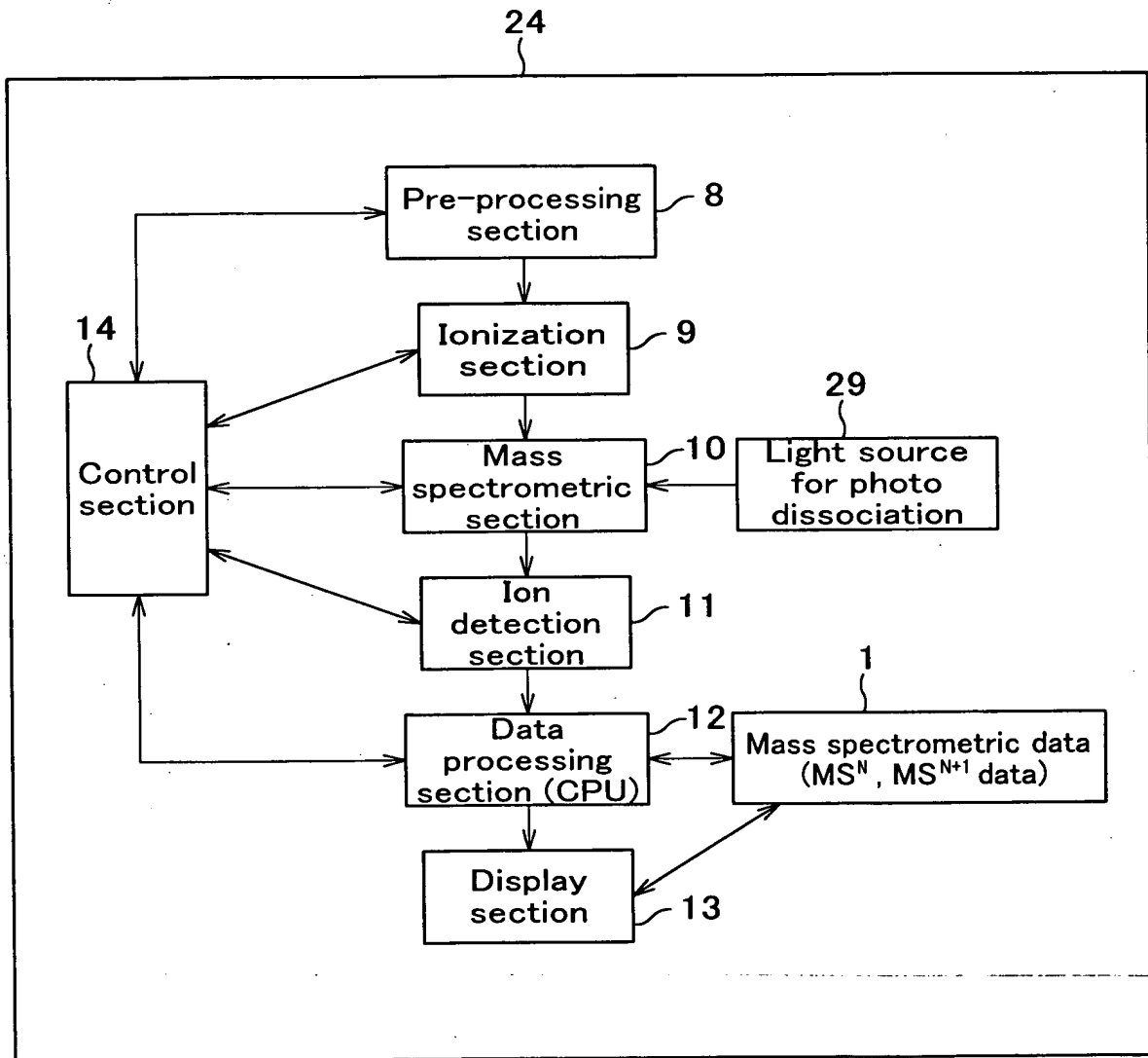


FIG.22

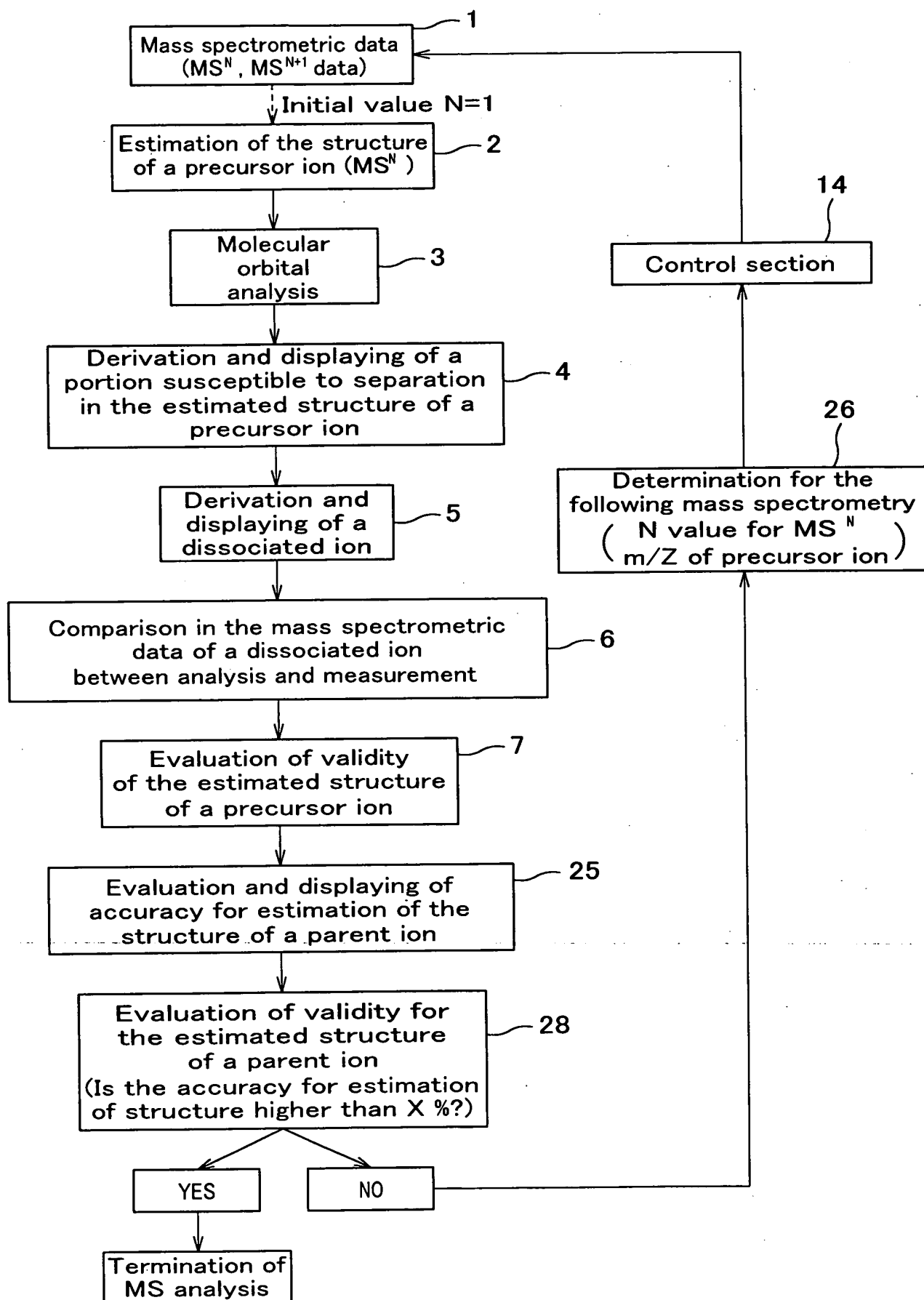


FIG. 23

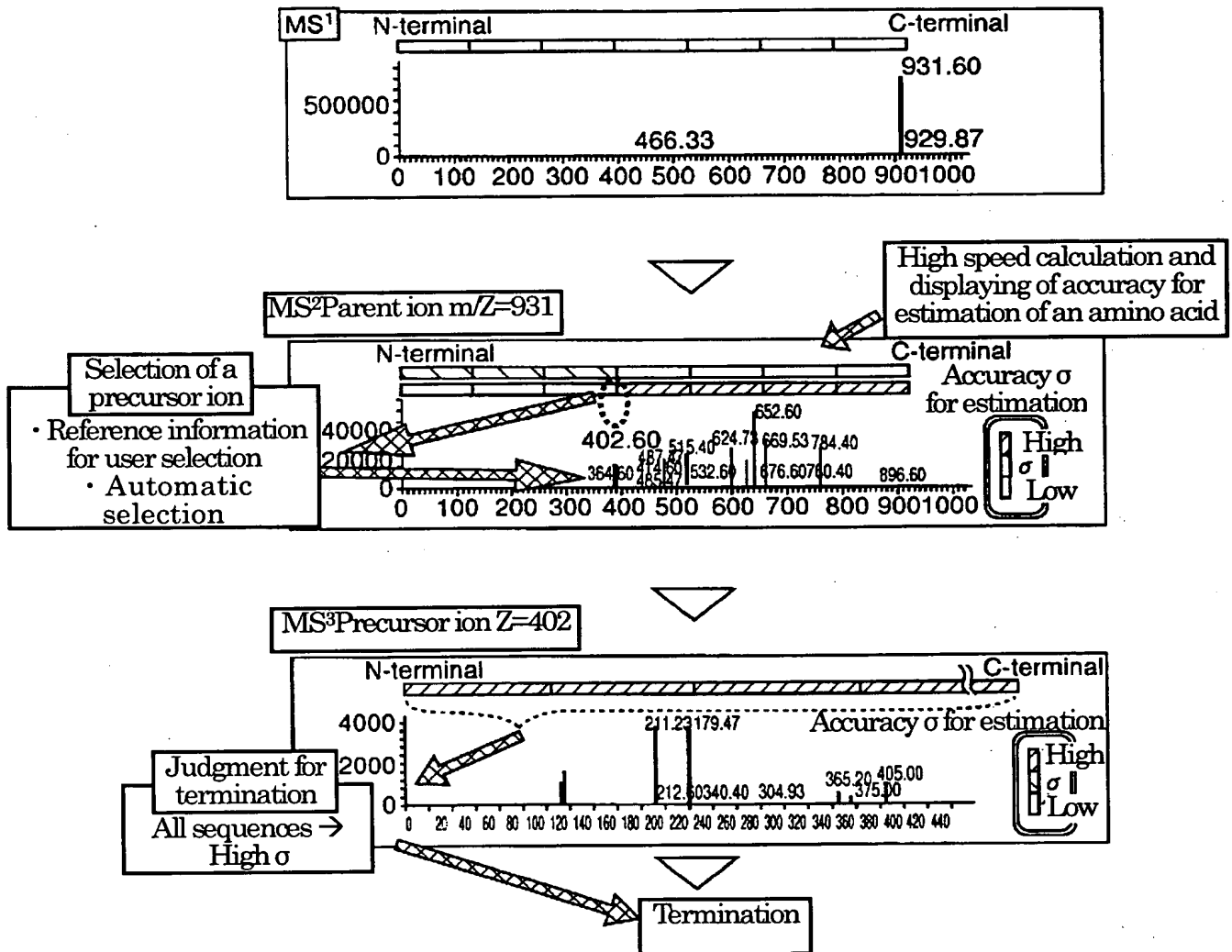


FIG. 24

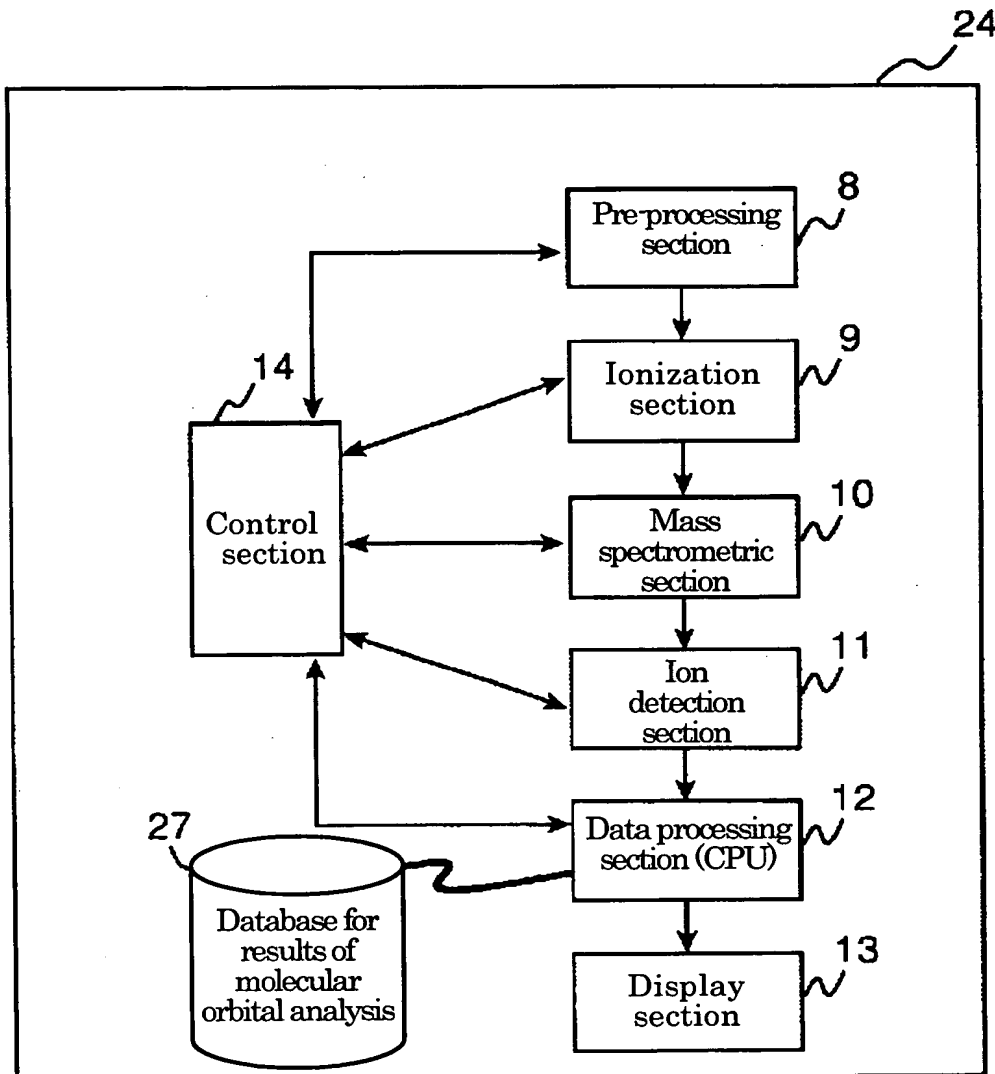


FIG.25

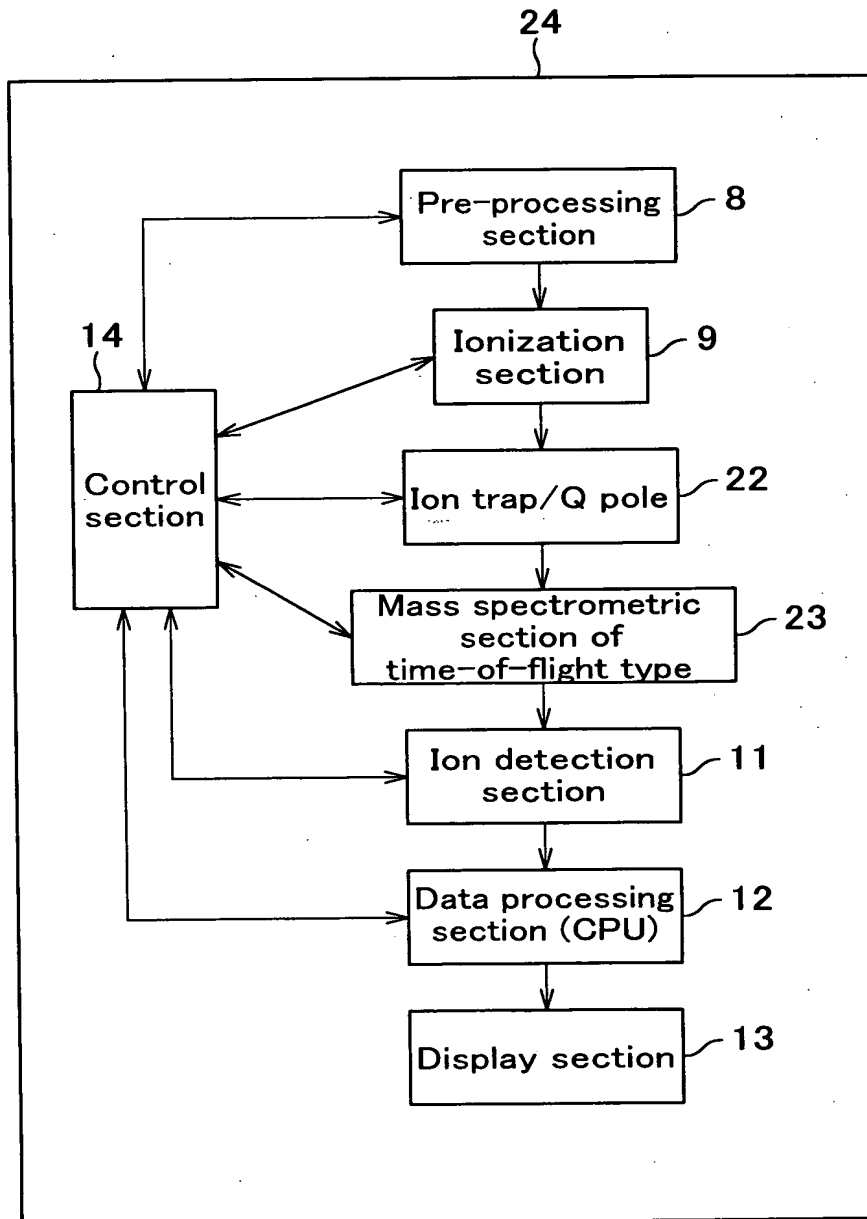


FIG.26

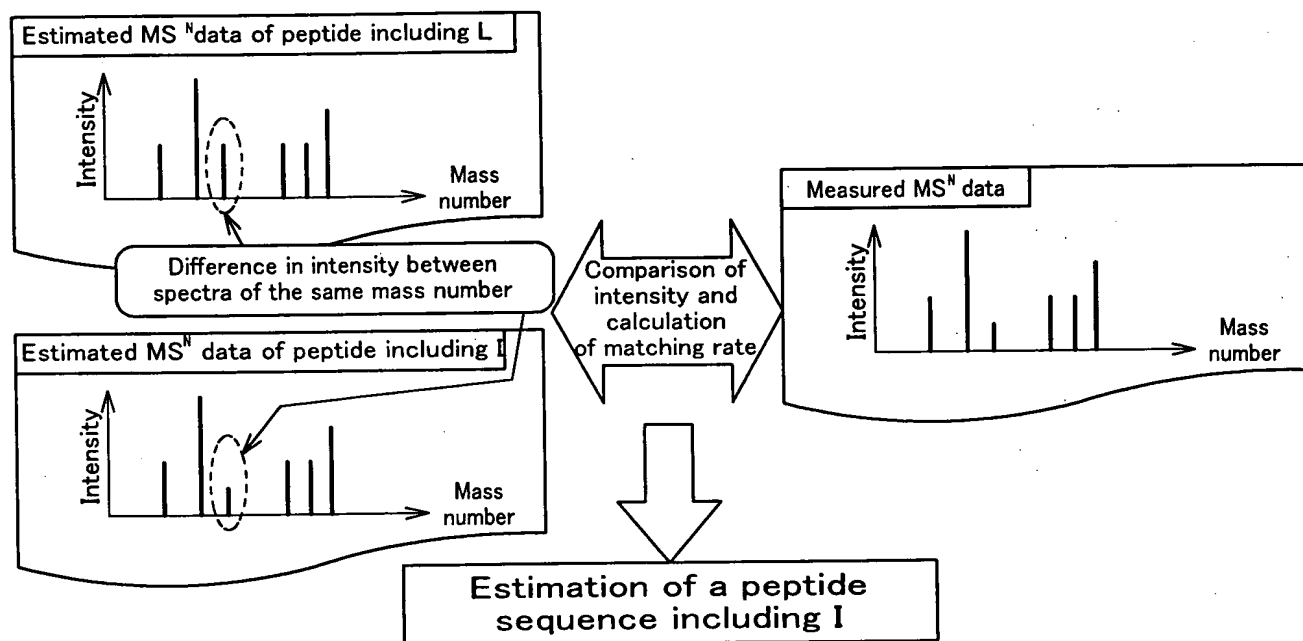


FIG. 27

Combination of a single amino acid and a pair of amino acids having the same or close mass number

1	Single amino acid	2	A pair of amino acids	Difference of mass number
Trp	(186.213) ,	Glu-Gly	(186.168)	$\Delta m=0.0458$
Trp	(186.213) ,	Ala-Asp	(186.168)	$\Delta m=0.0458$
Trp	(186.213) ,	Ser-Val	(186.211)	$\Delta m=0.0024$
Trp	(186.213) ,	Lys-Gly	(185.226)	$\Delta m=0.9872$
Trp	(186.213) ,	Gln-Gly	(185.183)	$\Delta m=1.0305$
Trp	(186.213) ,	Asn-Ala	(185.183)	$\Delta m=1.0305$
Asn	(114.104) ,	Gly-Gly	(114.104)	$\Delta m=0$
Lys	(128.174) ,	Gly-Ala	(128.131)	$\Delta m=0.0434$
Gln	(128.131) ,	Gly-Ala	(128.131)	$\Delta m=0$
Arg	(156.188) ,	Val-Gly	(156.185)	$\Delta m=0.0031$
Glu	(129.116) ,	Gly-Ala	(128.131)	$\Delta m=0.9847$

$$|\Delta m| < 1.0$$

() : Mass number without N and C terminals